



FROM THE PRESIDENT



Well, we made it through the holidays and the after holidays dinner in good shape. The dinner was a great success thanks to everyone who came out to enjoy it with me. The meeting and presentations turned out well. Thanks to Maureen and Ted for their time and effort

We also had good news coverage in the Vindy, thanks to Joe KD8RCC. Now we can start working on upcoming events: the Home and Garden Show and lets not for-

get Field Day.

I will be passing around a sign-up-sheet for volunteers for these events. If any questions or suggestions, please see me or Steve KC8SOY. That's all for now.

Keep warm! 73, Roy KD8IJF





Officer's Meeting: February 11, 7:00 P.M. At Eat 'n Park, 8051 Market St,, Boardman. Regular Meeting: February 18, 7:00 P.M. Davidson's, 3636 Canfield Rd. in Cornersburgh

Speaker: Matt Welsh W8DEC

Topic:

2014 Officers:

President: VP: Secretary:

Treasurer: Trustees:

Appointed Positions:

Social: Publicity: Newsletter/Web:

Facebook/Badges/logo Design:

Roy Haren, KD8IJF Joe Wojtowicz KD8RCC Kevin Stein, KD8NXS Maureen Stein, KD8NXS Steve Fabry, KC8SOY Chris Monske, KD8ELY Harry Harker, KD8PQK

Maureen Stein, KD8NXS Joe Wojtowicz, KD8RCC Jane Avnet K8JAA

John Fabry, KC8SPF

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kc8spf@wrarc.net

http://www.wrarc.net/

FROM OUR VP



This is my first WRARC Wave Bender newsletter article since becoming Vice President of the Western Reserve Amateur Radio Club. I would like to thank Al, AB8AA, and Jane, K8JAA, for their tireless work and dedication to the Club and the hobby since starting the organization over four years ago. I don't think many of us realize just how many hours they have spent to get the Club to where it's at today. Gratitude is also in order for my predecessor, Robert Webster, WR8RW, who also contributed significantly to our local Club and hobby. Robert has moved out of state and we no longer have him as a resource, but Al is still here for support. I'm sure we all wish Robert well in his new endeavor.

Both of these gentlemen have not only been our leaders, but also personal mentors helping me to learn more about the hobby and some of the technical nuances that only experienced HAMs know. These are going to be "BIG SHOES" to fill and a challenge to Roy, myself and the newly-elected officers. I'm sure we'll all give it our best effort.

Since Junior High (many years ago), I was always interested in Amateur Radio, but just never got around to it. Then there was college, marriage, three kids,

work, travel for work and tight household budgets for many years. Getting my license and my own "shack" was on my "bucket list" the last several years and I finally was able achieve that goal about a year ago.

While I have held officer positions in several other service organizations over the years, my knowledge of Amateur Radio is obviously limited compared to many of our members who have been involved with the hobby for decades. Therefore, I hope we can establish an open dialogue with each other and would like to hear from all of you with any suggestions, advice and criticisms.

I have learned that to keep any organization interesting to its members and growing in the long run, the leadership has to make it interesting and fun for its members while also creating an atmosphere of camaraderie and sense of purpose. To accomplish these goals, we'd like to encourage your participation in our meetings and planned activities at whatever level you're comfortable and find the time for while also having our members talking to other HAMs about joining our club, or to friends and relatives that may be interested in becoming involved with Amateur Radio. My primary responsibility as your Vice President is to schedule speakers at our monthly meetings. If you know of anyone you think could speak to a topic of interest (and, it doesn't necessarily have to be about Amateur Radio), please let me know and I'll schedule them at a future meeting.

I look forward to working with the other Club officers to make this one of the best Amateur Radio clubs in the area. I can be reached anytime on my cell (330) 219-1423, or by email at KD8RCC@wrarc.net.

73, Joe Wojtowicz, KD8RCC

WHAT'S COMMING UP?

February 11	Board meeting @ Eat 'n Park, Boardman. join us for dinner before the meeting at 6 P.M.		
February 18	Meeting at Davidson's 7:00 P.M. Join us for dinner before		
	the meeting at 6:00P.M.		
February 19	Testing all license classes at ITT at 6:30 P.M.		
March 6	Special Test session at ITT at 6:30 P.M.		
March 19	Meeting at Davidson's 7:00 P.M.		
March 28 - 30	Greater Youngstown Home and Garden Show -		
	contact Roy KD8IJF to Volunteer to help.		
June 28 - 29	Field Day		
Julv	Our Annual picnic		

Tour of the Valley

July 11,12,13



WRARC Communications Unit Net Friday Nites 8:00P.M. 145.270, PL -110.9

Net Control will be rotated

Join us for the WRARC Friday night Net 9:00 P.M. 145.270, PL -110.9

Upcoming Net Control Operators

Feb. 7 Dave KC8WY

Feb. 14 Chris KD8ELY

Feb. 21 Dennis KD8SNA

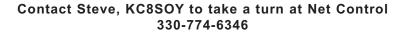
Feb. 28 Darrin K8DMC

March Volunteers needed

Apr. 04 Steve KC8SOY

Apr. 11 Volunteer needed

Apr. 18 Matthew KD8STS



Ask The Elmer Net Right after the Friday Night Net KC8SOY Moderator

Mahoning County ARES[®] Nets

1st Monday 8.30 PM ET W8QLY Repeater - 146.745 (PL 110.9)

3rd Monday 8.30 PM ET W8QLY Repeater - 146.745 (PL 110.9)
We thank MVARA for the use of their repeater

W8SGT is facilitating The Ohio HF net every Tuesday - 7:00 PM
The net is run from the State of Ohio EOC on the
Ohio ARES Admin frequency 3875 kHz LSB
moves to 7240 Khz after 20-min.
All are welcome to check in.

The Ohio ARES/OES Digital Emergency Net held every Tuesday at 8:00PM.
held on 3585 kHz USB.

Please note all digital communications are Upper Side Band. http://www.http://ohden.org/ for net details. Net Manager Gary NJ8BB

> COLUMBIANA COUNTY DIGITAL NET Wednesdays 8:30 pm - 9:30 pm 145.510 MHZ SIMPLEX

NBEMS/FLDIGI is being used training on the message handling capabilities of FLDIGI/FLMSG. Start with BPSK-125 other modes may be used for testing

First Wednesday of the Month Mahoning County Skywarn Net is held on the W8QLY repeater 146.745 (-) at 8:30P.M.



All of our members (and others) look forward (hopefully) to getting this newsletter every month, so keep sending those articles, jokes, and suggestions!

Thanks goes out to this month's contributors; KD8IJE. KD8RCC, AB8AA, KD8SNA, KD8NZF, WR8RW, KC8SOY, KC8PQK, KC8PD, KB8UUZ, W8IZC, W8DEC, N8SY, W5YI, the ARRL and the World-Wide Web.



AB8AA'S RAMBLINGS

Well this month I will talk about the ARRL 100 year Centennial QSO Party. Here is your chance to get your WAS (worked all states) award. Starting every Wednesday thru Tuesday there will be a W1AW/(0 thru 9) station on the air from two different call areas. So far NC, WV, SC, UT, DE, NE, NY, and OK have been on the air. The next two starting on the Jan. 29 are TX and MN then it will be GA and HI. Now HI might be a problem from here in 8-land, but if you do not try you will not get!

There is also W100AW and W1HQ the two stations at headquarters in Newington, CT. There are also points for working any of the appointed or

elected positions held. Such as the ARRL President, this is worth 300 points. The points run from 300 down to one(for a member of ARRL) with a lot in between. So far I have picked up the first eight states, plus the club President and several other people. If you are a VE, it is worth 5 points. It looks like it will be a lot of FUN for all.

Every day there are people on the air just waiting to talk to you. Turn on the radio and have some FUN. If you are afraid to talk, try the digital route, that way they cannot hear your voice. You might make some new friends across the pond or you might make one right here in the good old USA. There will be a lot of special event stations on the air from Russia for the Olympics. The time will be short so get out there and work them.

That's all for now. Wishing everyone a lot of good DX. 73 Allan, AB8AA

Notice about storing 9 volt batteries. http://www.youtube.com/watch?v=OSJH21WmALc

LOCAL ARES

Please mark your calendars and plan to attend these upcoming Mahoning County ARES training events.

12:30pm on Saturday, February 8 at the Hubbard Library meeting room, we will present a tabletop exercise on ARES response to a communication failure in the area. The exercise will be a joint meeting of the Mahoning and Trumbull ARES groups and will feature a presenter with personal experience as a volunteer at National Emergencies, including Hurricane Katrina and Superstorm Sandy. Additionally there will be discussion on preparing a survival go kit. Besides radio gear, what do you need just to live in a reasonable manner during an emergency? All attending are asked to bring an HT if available.

9:30am on Saturday, February 15 at the Trumbull County Main Library (Warren) meeting room, we will present a workshop to help attendees prepare and take the NIMS 100 test. This also will be a joint meeting of the Mahoning and Trumbull ARES groups. All attending are asked to bring a laptop or tablet and headphones. The room will have WIFI access.

Both ARES meetings are open to all interested Hams and we look forward to seeing you in Hubbard and Warren.

Dave Brett, KD8NZF.

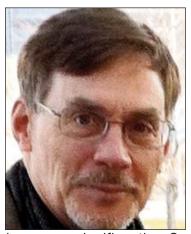
Oh the memories!

100 BEST MOVIE SCENES - absolutely awesome . . .

! Thought you might get a kick out of these.

http://www.flixxy.com/100-movie-quotes-american-film-institute.htm?utm_source=nl#.UcBYhJJm3nI.email

BLUE RIDGE MOUNTAIN HIGH . . .



22 January 2014 – Hello from the upland region of South Carolina. Deborah and I hope all of you are well and getting along in the rough winter weather you've been experiencing there. First and foremost, many thanks to all of you who signed, or doodled on, the certificate from the club. It is a keepsake that will have a very prominent place in my station when it finally gets set up.

We have not escaped winter here. Earlier this month we awoke to seven, yes seven, degrees above zero Fahrenheit. For the long time residents temperatures in that range give them great concern for a number of things like frozen pipes and heating equipment that is not really built to handle those temperatures.

Just so you know, there is snow in South Carolina. As you head toward the North Carolina state line, and the Blue Ridge Mountains, the terrain height

increases significantly. Some towns in that area have had upward of four inches of snow in one evening. That much snow is a significant enough event to close the schools. Snow-covered mountain roads and school busses don't work well together. We down here are certainly not immune from winter's blast.

In December I joined the Blue Ridge Amateur Radio Society here in Greenville County. We are about one hundred in number. The club / society has been in existence since 1959. When I first checked into the nightly club net, I was a bit surprised to hear check-ins not only from South Carolina but also North Carolina, and Georgia. The GA and NC stations were not just over the state lines. Some of the SC stations were pushing 90-plus miles distance from the repeater. At the December club meeting there was even mention of checkins from Tennessee when the band is "open." There is a one-word answer for what gives the repeater that range ... height!

The "primary" repeater (W4NYK – 146.61) sits atop Caesar's Head close to the SC / NC border at about 3600 ft. The nightly net is run from that repeater. The link listed below, to a computer generated map on the club website, made the case for that range.

http://www.blueridgears.org/brars/wp-content/uploads/2012/02/googleEarth.jpg

My initial response was: Wow! When I "ran" the VHF Horizon Distance formula given to me by a wise Elmer, it proved out the map with the math. Truly amazing.

This is certainly an operating environment that will very likely reveal additional new and interesting things down the road. As things progress I will keep you posted.

-73- Robert, WR8RW

snips from his email Thu, 23 Jan 2014 00:25:34 -0500, As you can see by the date / time stamp on this email I remain a night owl. I was in the midst of writing the attached article I promised for the Wave Bender when your e-mail came in. Great timing! We've been watching the weather on the news and across the internet. I think your winter experience can be described in two words: No Fun!!!!!

- . . . It's great to hear that Joe is making headway with the Vindicator. That is a substantial feat by itself. Glad to hear he is doing well for you.
- . . . Given the much smaller space we are in my "station" is only VHF / UHF at the moment. My antenna is one of my "field deployment" units I made for use on a back pack. It is attached to the outdoor porch rail with zip ties (we can't use nails, screws, & etc.). Also living in such an area with so many people, and all their electrical and electronic gear in a confined area, the interference on two meters is significant. If we are here in the apartment much longer I will build a filter to knock down that interference. Definitely a learning challenge. . .

Thanks for the e-mail . . . I am still planning on attending the Dayton Hamfest. Of course you know the day I buy my ticket will be the day we find a house with a closing or move-in date around that time in May. :) Give our best to all the club members. Take care and 73.

Robert, WR8RW (WR8RW@arrl.net)

MASSILLON ARC TO HOLD CODE CLASS

The Massillon ARC will again be offering their code class, beginning on Friday, February 14. They will give you the opportunity to learn the code, or just to brush up. They'll offer instruction, plus hints the how, what, and where to achieve the relaxed, conversational skill that we all want. If interested, e-mail Perry, W8AU at w8au@sssnet.com.

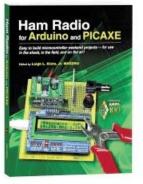
Stolen from the January Zero Beat, Alliance ARC. John Myers <kd8mq1@gmail.com, editor

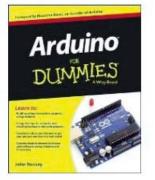
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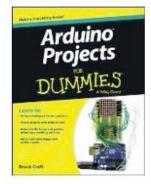
Discover All The Amazing things You Can Do With Arduino! Shop these must-have books available from ARRL...

Order Online www.arrl.org/shop • By Phone 1-888-277-5289 [outside US +1 (860) 594-0355]

Microcontroller technology has exploded in popularity among ham radio operators. The new generation of single-board microcontrollers is easier than ever to use, bringing together hardware and software for project-building radio amateurs can easily dive into. With inexpensive microcontroller platforms—such as the popular open-source Arduino board—readily available parts, components and accessory boards, the possibilities are limitless.







http://www.arrl.org/shop/What-s-New

Challange WRARC Elmers with your Questions - questions@wrarc.net

Avnet, Allan AB8AA

Beatty, Dave KC8WY Fabry, Steve KC8SOY Haren, Roy KD8IJF Monske, Chris KD8ELY Webster, Robert WR8RW Williams, Russ NR8W Antennas, radio setup, mobile, grounding, classes, anything anything Yaesu FT8900, FT8800, Mobile ???
Ask erecting antennas

Electrician, tele-data, Amateur Extra

If you don't ask, you don't learn

ab8aa@wrarc.net

kc8wy@wrarc;net kc8soy@wrarc.net kd8ijf@wrarc.net kd8ely@wrarc.net wr8rw@arrl.net nr8w@wrarc.net

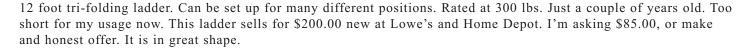
Used with permission

Articles from members for the Wave Bender are encouraged. They must be received by the editor three days before the end of the month. Please send your articles to: k8jaa@arrl.net, and put WRARC on the subject line of your email. You may also send your articles to the editor: Jane Avnet, 2050 E. South Range Rd., New Springfield, OH 44443



- 1. Yaesu ft-897 has 500hz cw filter, also ldg meter asking \$695 for radio and \$45 for filter, and \$25 for meter total of \$765. Brand new costs \$1170
- 2. Yaesu ft-817ND has 500hz cw filter, also the compression mic by w4rt asking \$425 for radio \$45 for filter, and \$25 for microphone Total \$495 brand new costs \$825
- 3. Tokyo high power HF power labs HF+6m 45 watt amp! This is the qrp amp for the ft-817. Never used, has been tested a few times, short contacts made to insure its working properly. Asking \$400 **NOTE** that Tokyo High Power is now in chapter 7 and liquidating, so no more company.

If interested please contact Jim Mott KK8A at 330-898-7813



HP Scanjet G4050 scanner. Found out it will not work with Windows 7, 64bit. Excellent condition, will sell for \$115.00. Includes installation disc and cables. This scanner will also do 35mm film scans. All the film hoders, (3) included. Works perfectly on Windows 7, 32bit, Window XP and Windows Vista. This unit sells for over \$200 on Amazon. For more information on the above items, contact:

Dennis Marko Phone: 330-792-8468 or email: kd8sna@wrarc.net

Heathkit Model IM-11 VTVM	\$40
4 - ASTATIC Model D-104 Microphone w/ TUG8 Stands (Lollypop)	1 Excellent-\$70
	3 good- \$40 ea
YAESU Model FT-11R 2Mtr FM HH w/Spkr Mic and Charger-	\$60
YAESU Model NC-50 Charger-	\$35
ICOM Model IC-V80 2Mtr FM HH w/ Extra Battery and Charger-	\$90
Nye Viking Model B V A, Antenna Tuner-	\$425
Johnson Viking Kilowatt Matchbox Model 250-30-	\$85
TRIPLET Model 630 VOM-	\$45
MFJ Model MF-J-250 50 ohm oil dummy load-	\$40
MFJ Model MFJ407B Electronic Keyer-	\$40
Heil Model HM10 4-5 Microphone with Stand-	\$50
Standard C1208DA 2 mtr FM Mobile	\$150
2 – MFJ-1702C, 2 Pos Coax Switch-	\$20 ea
Radio Shack Model 22-223 VOM-	\$10
Astron Model RS-12 12 Amp Power Supply-	\$45
Bencher BY-2 Paddle-	\$75
ASTATIC Model 10-D w/G Stand-	\$50
Electro Voice Model 664-	\$50
2ea- Electro Voice Model 638-	\$50
Shure Microphone and stand-	\$20
HUBBELL Outdoor Light Model PUL-0100S-118-120/208/240/277 volt, uses S54 I	Bulb \$25
W1FFL Ladder-LOC-	\$10
Kenwood TL-922 linear -	\$1,500

All equipment is in top shape. Call or e-mail Al Avnet AB8AA, 330-207-3296 Email ab8aa@wrarc.net

Ham radio is not going in the right direction unless we do something to increase and promote our value. Art Goddard, W6XD



Here is the list of what is looking for a home. I just want to get these to anyone who might be able to make use of them. I'm not selling them. Thank you

Johnson Viking kilowatt antenna matchbox National NCX - 200 low band transceiver National power supply

NYE Viking low pass filter Johnson directional coupler DeVry oscilloscope Eico Multimeter other small stuff - microphone, key, etc.

Jack Martin, Tenor <jack.martin37@yahoo.com>
Vocal Alliance Quartet
12325 Cook Rd.
Columbiana, Ohio 44408
www.stephenfosterchorus.com

OHIO SEC NOTES & STUFF - WEEK 2 - 2014



These notes will also be available on the ARES page at www.arrl-ohio.org

Ohio HF Emergency Preparedness Net. Tues at 7PM on 3850 kHz (+/-) and 7240 kHz LSB

Ohio Digital Emergency Net (OHDEN) ues at 8PM. 3585 kHz and 7072 kHz

USB. Ross T. Stillisano KB8JTZ Memorial Award Winner: David Rickon NF8O, of Medina, OH

Happy New Year! Welcome to 2014! Greetings and salutations from the Northeast corner of the Buckeye State where it's a comfortable 43 degrees at the time of this writing! I am pleased to report that Old Man Winter and Mother Nature are out of counseling. The passion between them must be heating up as the ice and snow are melting and the forecasters are calling for even warmer temperatures ;-)

I am beginning my first Ohio SEC Notes & Stuff of the new year by introducing my staff. I have selected three Assistant Section Emergency Coordinators since I was appointed in January 2012. The Assistant Section Emergency Coordinators are available for consultation and to answer your questions. Feel free to email them at any time and they'll respond back in a timely manner.

Scott Phillips N8SX is the Assistant SEC appointed for Northern Ohio. He is responsible for maintaining the Ohio Section Training Database and his collateral duty is the development and implementation of Ohio's first ARESMAT Team. His email address is n8sx@arrl.net.

Mark Griggs KB8YMN is the Assistant SEC appointed for Central Ohio. He has been assigned the collateral duty of recruiting. He is the primary source of recruiting new volunteers into ARES as well as retaining them in the program. His email is kb8ymn@arrl.net.

Gary Stephenson WW8O is the Assistant SEC appointed for Southern Ohio. He has been assigned the collateral duty of training. He is the primary source of training new ARES volunteers and seasoned veterans alike. His email is ww8o@frontier.com.

Attention all ARES volunteers...

Please contact your Emergency Coordinator and verify your contact information, especially email address and telephone number. There will be times throughout the year where you will be called upon. Wrong contact info could lead to delays in staffing important assignments. I recommend verifying your contact information on a quarterly basis or when anything changes.

ARES NOTES - CONTINUED FROM PAGE 8

If you are not an ARES member, but would like to be, or at least thinking about it...Please contact your County Emergency Coordinator. They will get your started in ARES and guide you in the right direction. You can find their contact information by clicking on this LINK.

What if I do not have an Emergency Coordinator in my county? Excellent question. All 88 counties are grouped into 10 ARES districts. Every district has an appointed District Emergency Coordinator. Their contact information is also located at the link above.

Be sure to follow and bookmark the Ohio Section ARES Blog. http://ohiosectionares.blogspot.com/ I post announcements, information about upcoming events, and other miscellaneous items of importance on that blog.

March 15 is the Ohio ARES Leadership Meeting at the State of Ohio Emergency Operations Center in Columbus. The meeting starts at 10am and will conclude at 3pm. All volunteers that hold an ARES appointment including Official Emergency Stations and Assistant Emergency Coordinators are encouraged to attend. We have quite the agenda to get through and your participation is greatly appreciated. All counties and districts are expected to be represented at this meeting.

Auxiliary Communications (AUXCOM) course is coming to Hamvention again this year. Many of us completed this course and let me tell you the instructors were great. I highly recommend taking this course. Registration for the 2014 course opens February 1.

In final, the Amateur Radio Emergency Service is more proactive than reactive. Proactive is what can be done now such as preparation and planning. This includes my good friend TED. Reactive is taking all that preparation and planning and putting it to work.

What is TED? T = Training is what is learned in a classroom or in the field. E = Exercises are designed to practice what was learned. D = Drills are designed to assess and evaluate whether or not more training is required.

Ladies and gentlemen, that's all I have for this week. Thank you very much for all you do for amateur radio.

73, Matthew Welch W8DEC
Ohio Section Emergency Coordinator
ARRL - The national association for AMATEUR RADIO™
w8dec@arrl.net
440-585-7388



RELAXATION MANAGEMENT TECHNIQUE

In case you are having a rough day, here's a stress management technique recommended in all the latest psychological journals. The funny thing is that it really does work and will make you smile.

- 1. Picture yourself lying on your belly on a warm rock that hangs out over a crystal clear stream.
- 2. Picture yourself with both your hands dangling in the cool running water.
- 3. Birds are sweetly singing in the cool mountain air.
- 4. No one knows your secret place.
- 5. You are in total seclusion from that hectic place called the world.
- 6. The soothing sound of a gentle waterfall fills the air with a cascade of serenity.
- 7. The water is so clear that you can make out the face of the politician you are holding underwater.

See it worked. You're smiling, you feel better already

Via email of course

INTERESTING THREAD ON EHAM.NET

What Makes or Breaks a Ham Radio Club (in part) Lou Giovannetti (KB2DHG) on June 24, 2012

I think it is very important to be part of and support a Radio Club. Being involved with my club for many years I have seen and experienced many wonderful times. My club is fortunate to have many active members and we are very diverse in many ways. Unfortunately, we are being plagued by what happens with most organizations. It is called EGOS. Not to get into details of displaying our dirty laundry I will bring to sight what I think is the demise of all clubs and originations . . .

... The Elmers must learn to give way to young blood and thinking. I am an older Ham, but know that young ideas can actually help in the survival of these clubs. I have witnessed many times where a new member, even a seasoned member, has offered a great idea, or ability, but were shunned only because of EGO. . ., in my opinion a well-run club is a club that can be ALL-inclusive, and able to take advice from ANY member.

Elders, learn to let go, be a mentor, not a critic . . . Who wants to be a member of a club that does not value your input? As in most organizations we are a volunteer army, we should embrace the time and effort members want to give not shun them . . .

. . . I just want to bring to your attention that clubs are an important part of this hobby but to survive in this market, we must learn to pass the baton and be open to suggestions from anyone. Listen to what the membership wants.

RE: What Makes or Breaks a Ham Radio Club by BOYSCLUBRADIO on June 24, 2012

I have to agree with the above but, what also is needed is, diversification. Some of the new Hams like RC models, yet others like to head out into the field and set up a station like an army, while others like 4x4'n or camping. Thus Ham radio helps them by keeping in touch, as well as established commutations.

While clubs of yesteryear used to just be about getting licenses, i.e., code and theory, and social discussion at meetings. Today's Hams are more active, and the idea of just sitting on one's bottom and working the world doesn't appeal to the Hams of today, unless they are retired and make it their only social outlet.

The art of building, designing, and having fun with making contacts with something that was hand built still is alive. However, when you assign a price to it, . . .

As to giving things away, yes it helps to sponsor some of the less fortunate. But, then again we have seen a lot just ignore the cost, effort, and lose appreciation for the help that they get, and instead abuse it . . . Go to http://www.eHam.net/articles/28343/ to read the eniire thread.

Two Articles - PIO Reflector

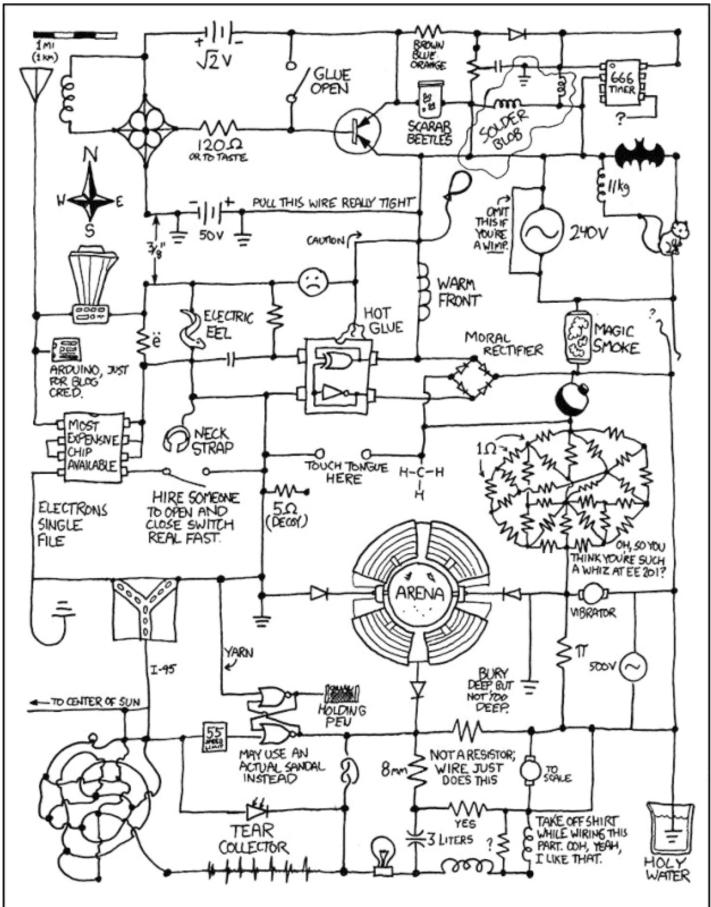
Feb 2014 Nuts & Volts (www.nutsvolts.com) - "This is Radio Disaster Calling" by Dave Prochnow (apparently not a ham)

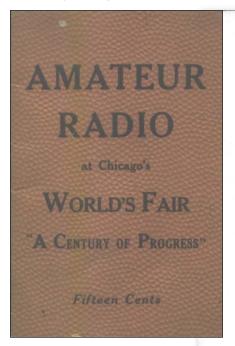
Six-page article (two-page cover photo spread) about disaster and emergency response communications. Hams will find many nits to pick - we're really good at that - but the article's basic structure and approach are OK. Sidebar on NASA and nanosats. Sidebar on How to Become a Ham Radio Operator with link to arrl.org - features TDXOne package of handheld and study materials.

Feb 2014 Circuit Cellar (circuitcellar.com) - "A Visit to the World Maker Faire" by Jeff Bachiochi (not a ham)

Mentions the pole-climbing robot from the 721st Mechanized Contest battalion radio club from Warren County, NJ - which sounds like a very interesting group. The pole climbing robot is the Emergency Antenna Platform System (E-APS) which you may have seen mentioned in the fall.

INTERESTING PROJECT





AMATEUR RADIO

at Chicago's

WORLD'S FAIR

"A CENTURY OF PROGRESS"

1833 - 1933

Published By
WORLD'S FAIR RADIO AMATEUR COUNCIL
Exhibit Headquarters
Travel and Transport Building
World's Fair Grounds, Chicago

The Radio Amateur— Who He Is—What He Does

Going at high speed, far out and high up above the Pacific Ocean, two courageous flyers were pitting their wits against tremendous odds, but they felt that the glory and a \$25,000 cash prize, if they were first in reaching Honolulu, were well worth the extreme dangers involved.

Several hours passed. Folks in the United States knew all was well—thanks to the purring, musical sounding dots and dashes of short wave radio. Ever since the plane had left constant short wave radio communication had been maintained. It began to look as though the \$25,000 was as good as won. Everybody was happy.

Suddenly, like a bolt out of the sky, the steady musical dots and dashes coming from the trans-Pacific plane started to waiver. Alert, ever-watchful, radio amateurs up and down the Pacific Coast knew immediately something was wrong. With lightning precision they more closely adjusted their short wave receivers so that nothing would be missed. Looks of grave fear came over the faces of these amateur operators for the tell-tale dots and dashes were notifying the world that it was just a matter of seconds—the plane was in a tailspin and completely out of control—it was diving towards the ocean at a terrific speed.

Boats in the approximate vicinity were notified, but searching for several days did not reveal a single trace of the plane. It evidently had sunk quickly. The reasons for failure were many, but one thing stood out prominently—AMATEUR RADIO DID NOT FAIL. The radio operator on the plane stuck to his task of transmitting right up to the very last. He did not leave his post until the plane actually struck the water. He performed his duties faithfully. He was a real radio amateur.

A true story? Every bit of it. It happened to the ill-fated Dallas Spirit during the races from Oakland, California, to Honolulu in 1927. Captain Bill Erwin was pilot of the ill-fated Dallas Spirit and Alvin Eichwaldt was the radio operator drafted from the amateur ranks. Both courageous men.

I'd like to thank John Curea KG8BC for allowing me to use this material from his collection. This booklet from the 1933 World's Fair held in Chicago, was sponsored by a local radio club and published by the World's Fair Radio Amateur Council. I thought this article was interesting. I hope you do too. -ed

Amateur radio, since 1919, has been the principle and in many cases the only means of outside communication in more than twenty-five storm and flood emergencies in the country. The most outstanding were: The Florida hurricane of 1926, the Mississippi and New England floods of 1927, the California dam break, and the second Florida hurricane in 1928, and most recent the gigantic earthquake in lower California in March of this year. During 1931 there were the New Zealand and Nicaraguan earthquakes and Viking explosion disaster in Labrador.

In all of these disasters, amateur radio played a major role in the relief and rescue work. Amateurs deservingly earned world-wide commendation for their resourcefulness in effecting communication when all other methods failed.

Amateur radio also has been of great assistance in scientific expeditions. When Commander Byrd went to the Antarctic three of his four radio operators were men taken from the amateur ranks. And amateur radio stations all over the world provided a great part of the means for the thousands of messages, both personal and business, to friends and relatives in the U. S. A. As a result of amateur accomplishments in the past, practically all expeditions now seek amateur assistance and cooperation, simply because it is known how successful they are in furnishing home contacts.

Emergency relief, expeditionary contact, and countless instances of other forms of public service rendered, as they always have been and always will be, without hope or expectation of material reward, have made amateur radio one of the outstanding examples of human enterprise.







"Kindness is the language the blind can see and the deaf can hear." - Mark Twain

Portage County Amateur Radio Service, Inc.



PCARS - K8BF

Ninth Annual

"Freeze Your Acorns Off" (FYAO) QRP mini-field

Special Event Station

Where: Fred Fuller Park - 497 Middlebury Rd.

at the Roy Smith She

When: Saturday - Feb. 15, 2014

Set up: 9am

Operating Time: 10am - 4pm ESC

We will be active on CW & Phone in the General areas of 80 meter bands (Repeater & Echolink on the K8SRR echo certificate) and anything else we can get wokkemegforluk certificate participating stations will be using their calling "CQ FYAO" (only stations at the Freeze Your Acorns Off event the /FYAO designator).

Yes, we'll be braving the cold snowy weather of North Ea to set up QRP stations using portable power and anter

A beautiful color (suitable for framing) 8 1 2 10 certificate will be available if you contact K8BF and send your QSL with a large SASE to the club call truste Bob Hewett, K8FEY - 3670 Sea Ray Cove - Reminderville, OH 44202

So, from the comfort of your warm radio shack - give us freezing. We'll need all the contacts we can make to he support will be very much appreciated.

Check PCARS out on the www.b patr:tcars.org

Western Reserve ARC JANUARY AFTER THE HOLIDAYS DINNER/MEETING

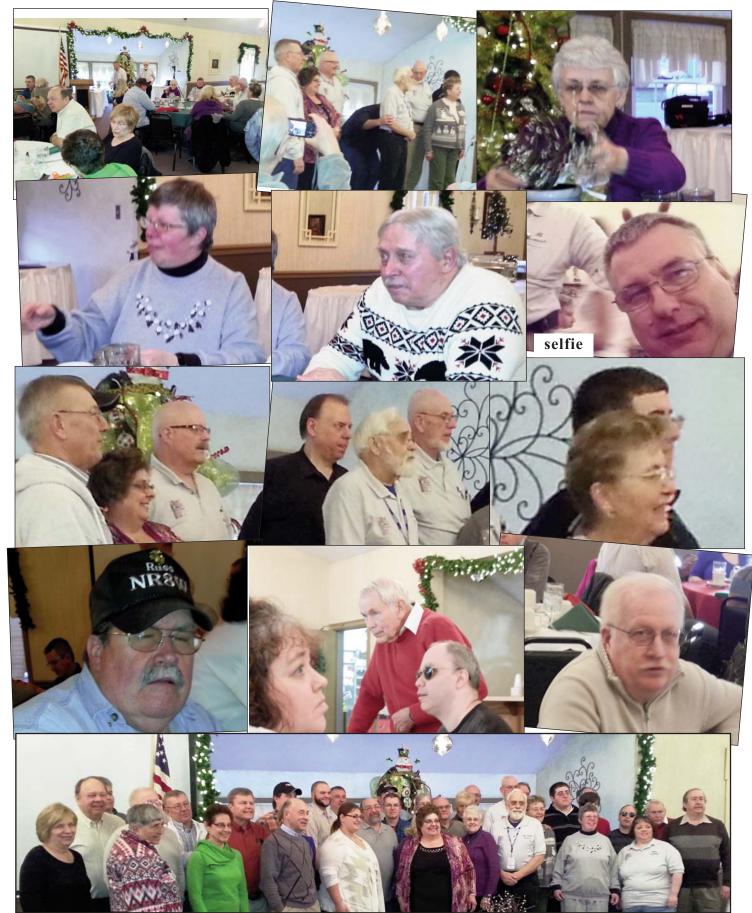


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Western Reserve ARC JANUARY AFTER THE HOLIDAYS DINNER/MEETING



JANUARY AFTER THE HOLIDAYS DINNER/ANNUAL MEETING



February 2014



					1/31 Comm Unit net 8:00 PM 145.270 WRARC Net 9:00PM 145.270	Happy Birthday KD8XX
Groundhog's Day	3 ARES Net 8:30 PM 146.745 PL 110.9	4	5 Skywarn Net 8:30 P.M. 146.745	6	7 Comm Unit net & WRARC Net	8
0	10	Ham Breakfast Eat'n Park Boardman 8:30 A.M. WRARC Board Meeting Eat'n Park Boardman 7:00 P.M	12	Get a Different Name Day	14 Comm Unit net 8:00 PM 145.270 WRARC Net 9:00PM 145.270	Valentine's Day
Do a Grouch a Favor Day	17 ARES Net 8:30 PM 146.745 PL 110.9	WRARC Meeting 7:00P.M	19	20	21 Comm Unit net 8:00 PM 145.270 WRARC Net 9:00PM 145.270	Comm Unit Meeting 9:00 AM
23	WaveBender Articles Due	Ham Community Breakfast Eat'n Park Boardman 8:30 A.M.	Happy Birthday N8DMC	27	28 Comm Unit net 8:00 PM 145.270 WRARC Net 9:00PM 145.270	3/1

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